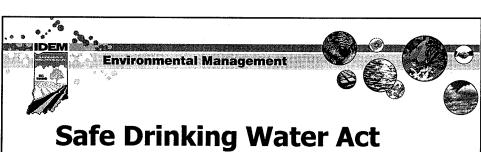


Keeping the Interest Flowing



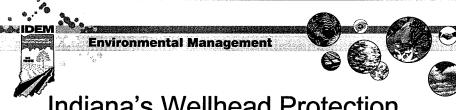
September 23, 2008



Sare Drinking Water Act (SDWA)

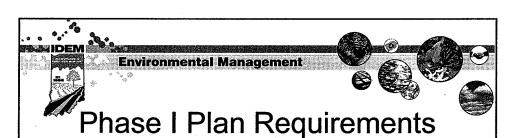
- Passed 1974
- Amended 1986
- Amended 1996



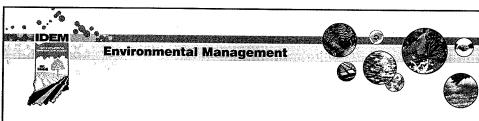


Indiana's Wellhead Protection Program

- Adopted WHP Rules in 1997
- Required 3,000 ft Fixed Radii or 5 yr Time of Travel Modeled Delineations
- Required Phase I Plans
- Required Phase II Plans

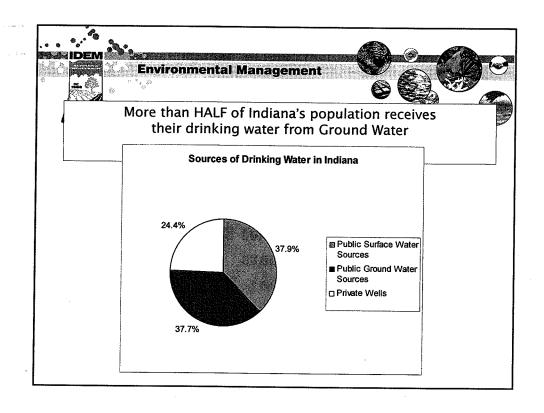


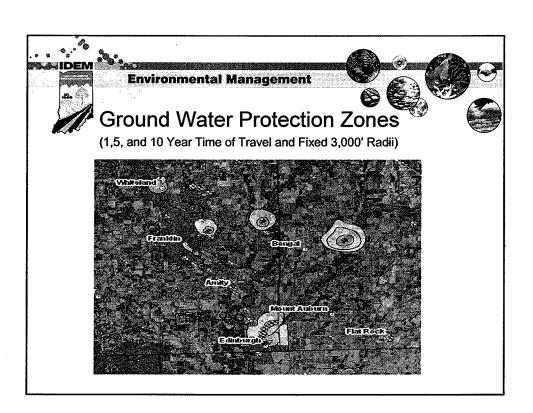
- 1. Establish Local Planning Teams
- 2. Establish Fixed or Modeled Delineations
- 3. Inventory Potential Sources of Contamination
- 4. Develop Management Plans Regulatory and/or Educational
- 5. Update Contingency Plans

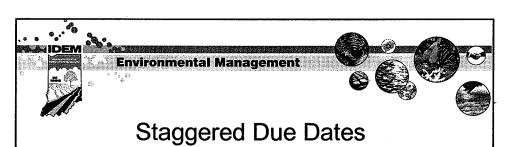


Phase II Plan Requirements

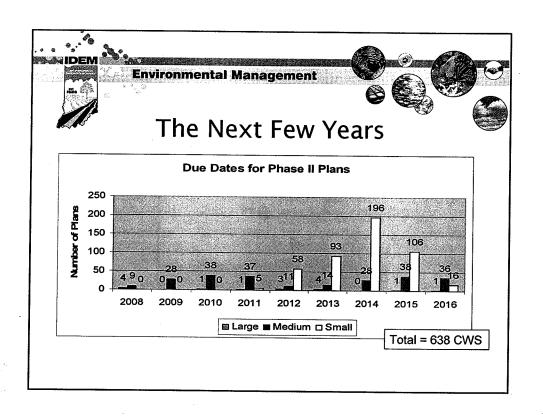
- 1. Update Delineations
- 2. Update Source Inventories
- 3. Implement Management Plans
- 4. Update Contingency Plans
- 5. Report to IDEM

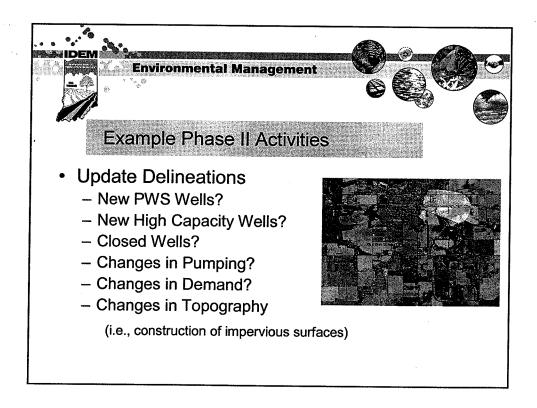


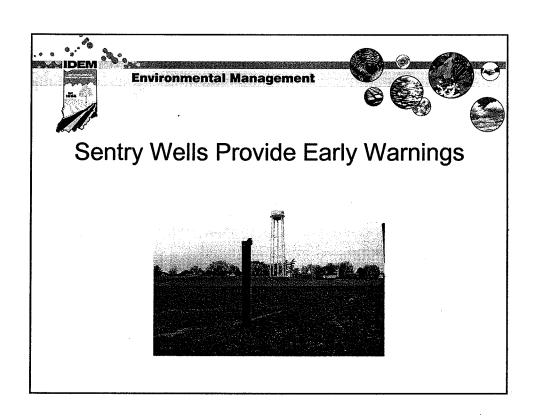


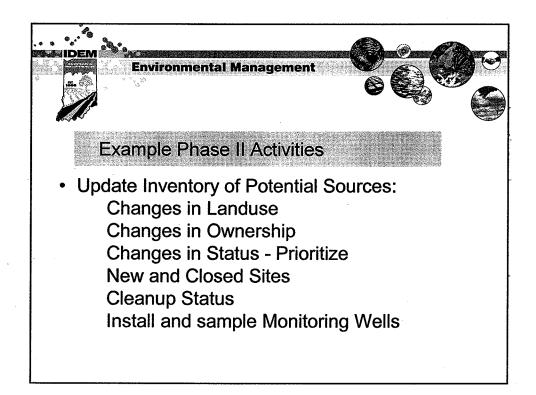


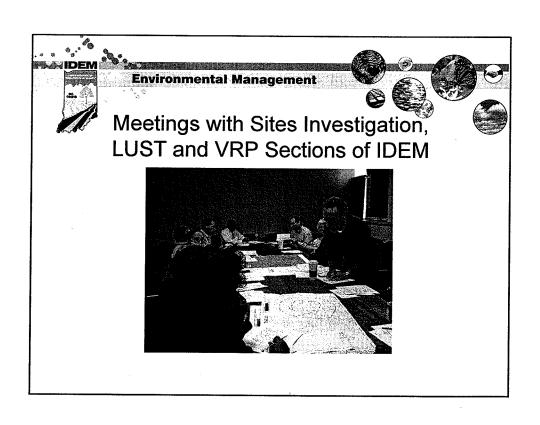
- Large Communities > 50,000 pop.
 - report back in 5 years
- Medium Communities 3,300 50,000 pop. report back in 7 years
- Small Communities < 3,300 pop. report back in 10 years

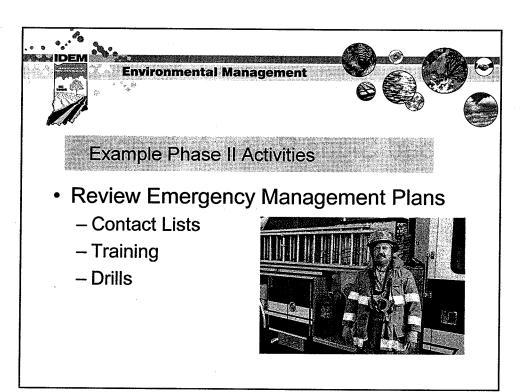


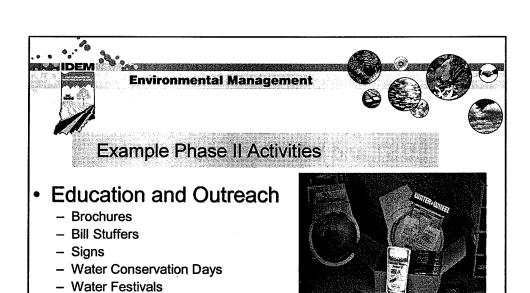








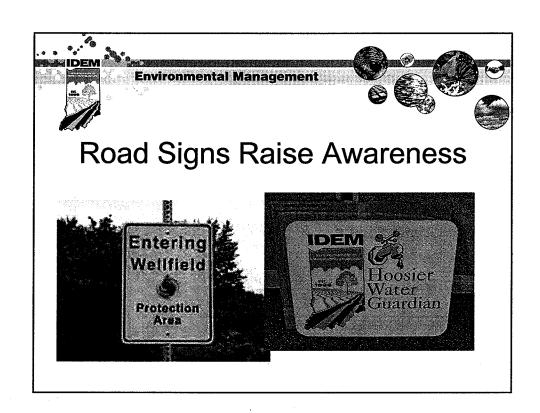




World Water Week

- Ag Days

- Education of Residents/ Business

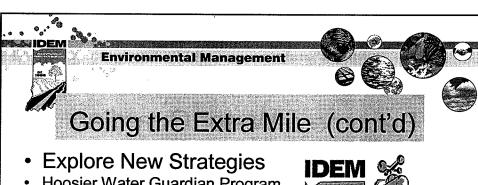




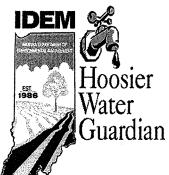


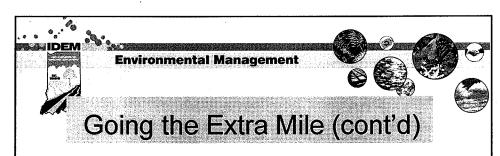
Phase II Implementation: Going the Extra Mile

- Review Sanitary Set-back (ownership or lease agreements)
- Seal Abandoned Wells "in the works"
 - IDEM Grants available to small Communities
- Local Ordinances
- Monitor Transportation Routes
- Monitor Cleanups



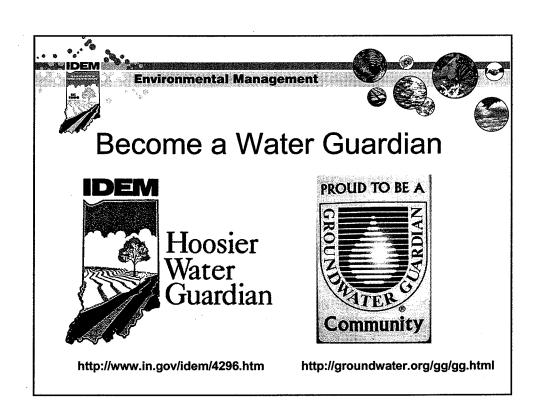
- Hoosier Water Guardian Program
- CLEAN Community Challenge
- Groundwater Guardian Program
- · Local Earth Day Celebrations
- · Spill Response Drills
- Conservation Easements
- Rain Garden Demos

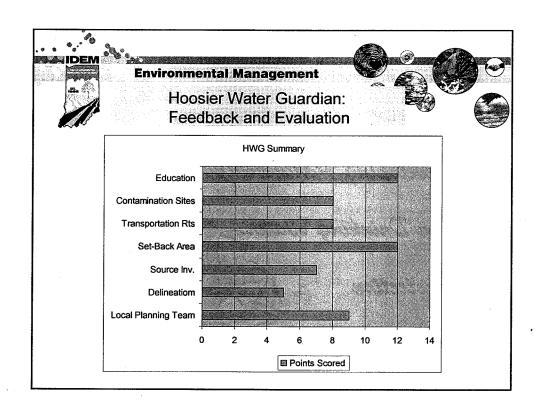


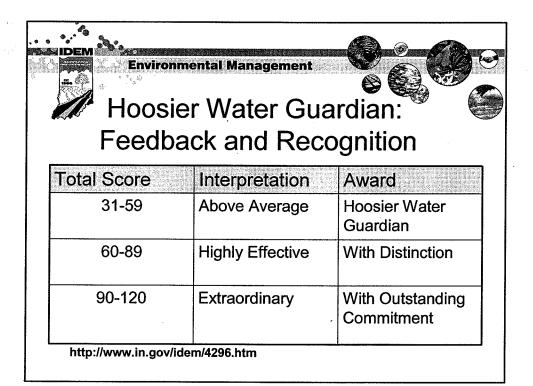


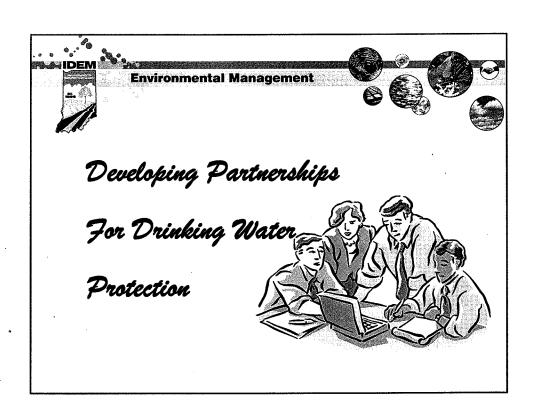
- Stay Actively Involved
 - Hoosier Water Guardian
 - Groundwater Guardian
 - Green Site
- Share Success Stories
- Share Lessons Learned

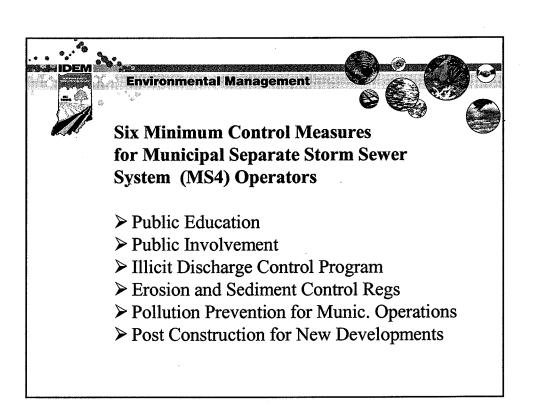


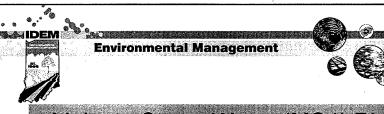








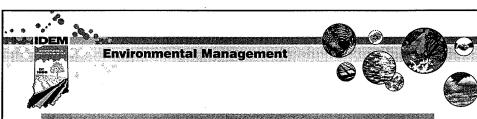




Links to Storm Water (MS4) Plans

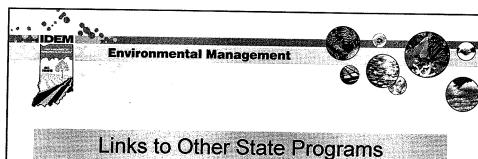


- Potential Pollutants Inventory
- · Educational Programs
 - Storm drain stenciling
 - Signage
 - Ag Days
- Road Salt and Sand Handling
- Spills/Emergency Response
- Sealing Abandoned Wells and Class V Injection wells (ie. drains)
- Phosphorus Fertilizer Issues



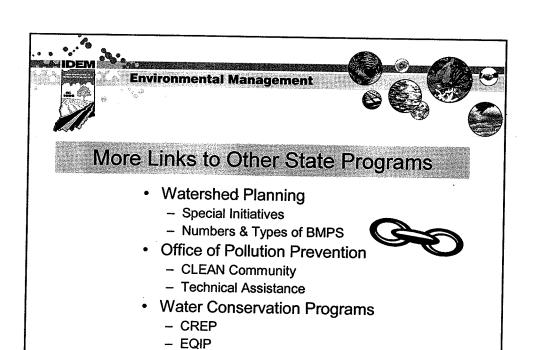
More Links to Storm Water Plans

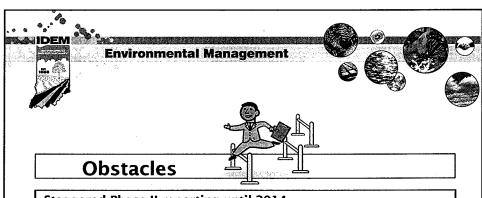
- Failing Septic Systems
- Secondary Containment
- Infiltration Practices
- · Educational Strategies
- Web Linkages (cross reference message)
- Ordinances
- Recognition in HWG or GG awards



- Solid Waste
 - Household Hazardous Waste
 - Recycling
- Site Investigations
 - Voluntary Remediation Program
 - LUSTs
 - Cleanups
- **WQ** Monitoring
 - Raw Water
 - State GW Monitoring Network
 - Statewide Monitoring Council

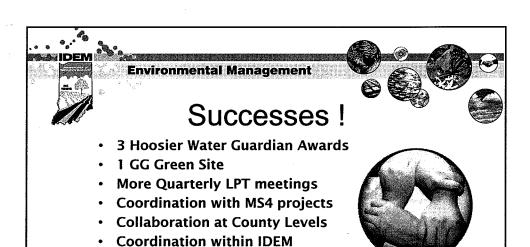






- ·Staggered Phase II reporting until 2014
- Lack of State and Local Resources (\$ and staff)
- ·Lack of Local Jurisdiction/need for partnerships
- ·Lack of knowledge about other local groups and their activities
- •"Slow" Coordination between local/state agencies and/or groups
- ·Lack of incentives (\$ and "job well done!")...

More Road Signs going upMultiple Educational Events



- On the way to securing Grants for Sealing Abandoned Wells (Spring '09)
- Observation that general awareness has been raised through questions and incoming calls to the agency



Environmental Management



Indiana Department of Environmental Management

Office of Water Quality Drinking Water Branch 800-451-6027

James Sullivan 317-308-3388 Connie Cousins-Leatherman 317-308-3330 http://www.in.gov/idem/4142.htm